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PTO/SB/05 (11-00)

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### UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 81862.P185

(maximum 12 characters)

First Named Inventor Steven Man Pak Yip

Title: BANDWIDTH MANAGEMENT AND CONNECTION ADMISSION CONTROL IN A NETWORK

Express Mail Label No. EL 617 210 089 US

ADDRESS TO: **Assistant Commissioner for Patents**  
**Box Patent Application**  
**Washington, D. C. 20231**

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.   X   **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original, and a duplicate for fee processing)
2.   X   **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.   X   **Specification (Total Pages   29  )**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.   X   **Drawings(s) (35 USC 113) (Total Sheets   11  )**
5.        **Oath or Declaration (Total Pages       )**
  - a.        Newly Executed (Original or Copy)
  - b.        Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed)
    - i.        **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c.        Unsigned.
6.        **Application Data Sheet. (37 CFR 1.76)**
7.        CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.        Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.        Computer Readable Form (CRF)
  - b.        Specification Sequence Listing on:
    - i.        CD-ROM or CD-R (2 copies); or
    - ii.        paper
  - c.        Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. \_\_\_\_\_ **Assignment Papers (cover sheet & documents(s))**
10. \_\_\_\_\_ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- \_\_\_\_\_ b. Power of Attorney
11. \_\_\_\_\_ English Translation Document (if applicable)
12. \_\_\_\_\_ a. Information Disclosure Statement (IDS)/PTO-1449
- \_\_\_\_\_ b. Copies of IDS Citations
13. \_\_\_\_\_ **Preliminary Amendment**
14.   X   **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. \_\_\_\_\_ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.   X   **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17.   X   Other: Certificate of Express Mailing pursuant to CFR §1.10.

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

\_\_\_\_\_ Continuation \_\_\_\_\_ Divisional \_\_\_\_\_ Continuation-in-part (CIP)  
Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

(which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_,  
which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that \_\_\_\_\_ (name of assignee) is  
the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an  
assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_  
(or a copy of which is attached).

### 19. Correspondence Address

\_\_\_\_\_ Customer Number or Bar Code Label \_\_\_\_\_  
or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)

  X   Correspondence Address Below

NAME Jeffrey S. Smith

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

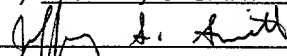
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**EXPRESS MAIL CERTIFICATE OF MAILING**

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Date of Deposit: December 1, 2000

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Tina Domingo

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

(Date signed)

Serial/Patent No.: \* \* Filing/Issue Date: Herewith  
Client: Cisco Technology, Inc.  
Title: Bandwidth Management And Connection Admission Control In A  
Network  
BSTZ File No.: 81862.P185 Atty/Secty Initials: LJV/JSS/td  
Date Mailed: 12-1-2000 Docket Due Date: \* \*

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Amendment/Response (____ pgs.)  | <input checked="" type="checkbox"/> Express Mail No. <u>EL617210089US</u>               | <input checked="" type="checkbox"/> Check No. <u>39305</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)                                    | <input type="checkbox"/> _____ Month(s) Extension of Time                               | Amt: <u>\$1,050.00</u>                                     |
| <input checked="" type="checkbox"/> Application - Utility ( <u>29</u> pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO 140 (____ pgs.)         | <input type="checkbox"/> Check No. _____                   |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)                         | <input type="checkbox"/> Issue Fee Transmittal  | Amt: _____   |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)                           | <input type="checkbox"/> Notice of Appeal   |  |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)                                  | <input type="checkbox"/> Petition for Extension of Time                                 |  |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)                      | <input type="checkbox"/> Petition for _____   |  |
| <input type="checkbox"/> Application - Design (____ pgs.)  | <input checked="" type="checkbox"/> Postcard  |  |
| <input type="checkbox"/> Application - PCT (____ pgs.)   | <input type="checkbox"/> Power of Attorney (____ pgs.)                                  |  |
| <input type="checkbox"/> Application - Provisional (____ pgs.)                                       | <input type="checkbox"/> Preliminary Amendment (____ pgs.)                              |  |
| <input type="checkbox"/> Assignment and Cover Sheet  | <input type="checkbox"/> Reply Brief (____ pgs.)  |  |
| <input checked="" type="checkbox"/> Certificate of Mailing ( <b>Express Mail</b> )                   | <input type="checkbox"/> Response to Notice of Missing Parts                            |  |
| <input type="checkbox"/> Declaration & POA (____ pgs.)   | <input type="checkbox"/> Small Entity Declaration for Indep Inventor/Small Business     |  |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventions Signed Later (____ pgs.)        | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate ( <u>4 pages</u> ) |  |
| <input checked="" type="checkbox"/> Drawings, <u>11</u> # of sheets includes <u>11</u> figures       | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate                       |  |

☐ Other: \_\_\_\_\_